

TENDER SPECIFICATION SHEET

Cold flood manhole & drain cover.

Applications:

Protecting drainage systems, assets and people

The Manhole Cover is a quick and effective way to respond to the overflowing drainage systems. It prevents the manhole covers from shooting up and contaminating the area with sewer discharge. Furthermore, it eliminates the dangerous situations that arises when manholes are open.

The Manhole Cover is simple and easy to use: Simply, place the Manhole Cover on top of the manhole lid. This directs the floodwater to a desired manhole and prevents it from shooting up.

The unique design.

The unique conical shape combined with the internal reinforcements keeps the Cold flood Manhole & Drain cover stable irrespective of external conditions.



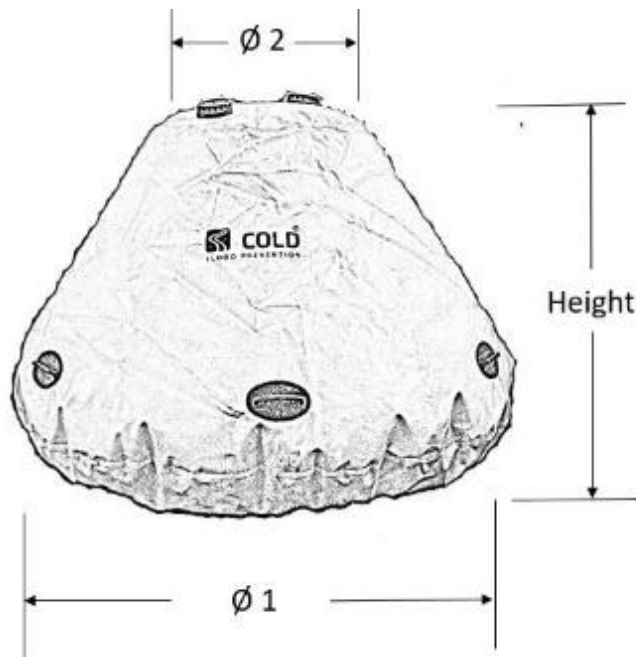
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Dimension and weight:

	MODEL MC1
Installed height	1.00 m
Top Diameter (Ø 2)	0.38 m
Bottom Diameter (Ø 1)	2.00 m
Water consumption	1,540 L
Weight without water (per section)	13 kg
Weight with water	1,553 kg



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TECHNICAL DATA SHEET

Cold flood manhole / drain cover

- Application of use:** Manhole & Drain cover, use above +5°C ambient temperature.
- Material:** PVC coated polyester canvas, 1,100 g/m², 12x12 Panama: Maximum abrasion resistant
- Construction:** The unique conical shape, combined with the internal reinforcements keeps the Cold flood Manhole & Drain cover stable irrespective of external conditions.
- Tear resistance:** The tear resistance is 600/500 N.
- Temperature:** The Cold flood Manhole & Drain cover can withstand temperatures from -30 °C to +70 °C. **Attention:** The Manhole & Drain cover should be emptied if temperature is below +5°C, if operation below +5°C is required please consult the manufacturer.
- Durability:** The estimated longevity of the product is 10 years when the product is used occasionally and/or for short periods.
- Connections** Each Manhole & Drain cover has minimum two filling couplings mounted on the top and two drain plugs in the bottom. All couplings can be adapted to suit specific requirements; however, the standard couplings are BSP Female Threaded adapters Aluminum Alloy Storz 75 (B) with a pipe thread of 3". The corresponding hose tail coupling is Storz 75 (B).
- Installation:** On flat surfaces with no sharp objects or edges.
- Handling:** The barrier comes in a storage bag which can be handled by people, during positioning of the Manhole & Drain cover, the installation team can manually position it in the desired location by pulling the barrier in the black plastic handles.
- Filling:** Filling requires a pump, hose, and onsite water supply. Any pump can be used if the hose coupling fits in the system's 3" couplings. **Attention,** during filling one of the top opening must be open to avoid over pressure and **MAX filling level is ~90%** to allow for water expansion and ensuring the barrier is soft enough to seal to the ground level.
- Country of origin:** The Manhole & Drain cover is designed and manufactured in Denmark. Components are of various European origin. All barriers are manufactured and controlled in accordance with stringent quality standards and registered with a serial number to ensure traceability.

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